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1. Document ID: US 20070285094 A1

L54: Entry 1 of 17

File: PGPB

Dec 13, 2007

PGPUB-DOCUMENT-NUMBER: 20070285094

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070285094 A1

TITLE: MRI METHODS FOR COMBINING SEPARATE SPECIES AND QUANTIFYING A SPECIES

PUBLICATION-DATE: December 13, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reeder; Scott B.	Middleton	WI	US
McKenzie; Charles A.	London	WI	CA
Brittain; Jean H.	Middleton		US

US-CL-CURRENT: 324/313; 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>				

2. Document ID: US 20070247154 A1

L54: Entry 2 of 17

File: PGPB

Oct 25, 2007

PGPUB-DOCUMENT-NUMBER: 20070247154

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070247154 A1

TITLE: CALIBRATION MAPS FOR PARALLEL IMAGING FREE OF CHEMICAL SHIFT  
ARTIFACT

PUBLICATION-DATE: October 25, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
McKenzie; Charles A.	London	WI	CA
Reeder; Scott B.	Middleton	CA	US
Shimakawa; Ann	Palo Alto		US

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Drawn Desc	Image				

3. Document ID: US 20060214660 A1

L54: Entry 3 of 17

File: PGPB

Sep 28, 2006

PGPUB-DOCUMENT-NUMBER: 20060214660

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060214660 A1

TITLE: ARTIFACT REDUCTION IN SSFP MRI USING SUPER FIELD VIEW  
RECONSTRUCTION

PUBLICATION-DATE: September 28, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lustig; Michael	Stanford	CA	US
Pauly; John M.	Redwood City	CA	US

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw. Desc	Image				

4. Document ID: US 20050020897 A1

L54: Entry 4 of 17

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050020897

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050020897 A1

TITLE: Magnetic resonance method for forming a fast dynamic image

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fuderer, Miha	Eindhoven		NL

US-CL-CURRENT: 600/407; 436/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw. Desc	Image				

5. Document ID: US 20040260173 A1

L54: Entry 5 of 17

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260173

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040260173 A1

TITLE: Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases

PUBLICATION-DATE: December 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Salerno, Michael	Palo Alto	CA	US
Mugler III, John P.	Charlottesville	VA	US
Brookeman, James R.	Charlottesville	VA	US

US-CL-CURRENT: 600/420

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

 6. Document ID: US 20040044280 A1

L54: Entry 6 of 17

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044280  
 PGPUB-FILING-TYPE: new  
 DOCUMENT-IDENTIFIER: US 20040044280 A1

TITLE: Methods & apparatus for magnetic resonance imaging

PUBLICATION-DATE: March 4, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	Keighly		GB
Lee, Kuan	Sheffield		GB

US-CL-CURRENT: 600/410

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>
<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>				

 7. Document ID: US 20030216636 A1

L54: Entry 7 of 17

File: PGPB

Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030216636  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030216636 A1

TITLE: Methods and apparatus for magnetic resonance imaging

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Paley, Martyn	West Yorkshire		GB
Lee, Kuan	South Yorkshire		GB

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KMC	Draw Desc	Image				

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8. Document ID: US 20030001571 A1

L54: Entry 8 of 17

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030001571  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20030001571 A1

TITLE: Method for generating images by means of magnetic resonance

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Jianmin	Erlangen		DE

US-CL-CURRENT: 324/309; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KM/C	Draw. Desc	Image				

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 9. Document ID: US 20010043068 A1

L54: Entry 9 of 17

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010043068

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010043068 A1

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

PUBLICATION-DATE: November 22, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lee, Ray F.	Clifton-Park	NY	US

US-CL-CURRENT: 324/309; 324/307, 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences
Attachments	Claims	KM/C	Draw. Desc	Image				

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 10. Document ID: US 7174200 B2

L54: Entry 10 of 17

File: USPT

Feb 6, 2007

US-PAT-NO: 7174200

DOCUMENT-IDENTIFIER: US 7174200 B2

TITLE: Optimized high-speed magnetic resonance imaging method and system using hyperpolarized noble gases

DATE-ISSUED: February 6, 2007

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040260173 A1

December 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Salerno; Michael	Palo Alto	CA		US
Mugler, III; John P.	Charlottesville	VA		US
Brookeman; James R.	Charlottesville	VA		US

US-CL-CURRENT: 600/420; 424/9.3, 600/407, 600/431

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>
<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Figure</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>

 11. Document ID: US 7132828 B2

L54: Entry 11 of 17

File: USPT

Nov 7, 2006

US-PAT-NO: 7132828

DOCUMENT-IDENTIFIER: US 7132828 B2

TITLE: Artifact reduction in SSFP MRI using super field view  
reconstruction

DATE-ISSUED: November 7, 2006

## PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060214660 A1

September 28, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lustig; Michael	Stanford	CA		US
Pauly; John M.	Redwood City	CA		US

US-CL-CURRENT: 324/309; 324/307

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	KM/C	<a href="#">Draw Desc</a>	<a href="#">Image</a>

12. Document ID: US 6980001 B2

L54: Entry 12 of 17

File: USPT

Dec 27, 2005

US-PAT-NO: 6980001

DOCUMENT-IDENTIFIER: US 6980001 B2

TITLE: Methods & apparatus for magnetic resonance imaging

DATE-ISSUED: December 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paley; Martyn	Keighly			GB
Lee; Kuan	Sheffield			GB

US-CL-CURRENT: 324/318; 324/322

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>				<a href="#">Claims</a>	KM/C	<a href="#">Draw Desc</a>	<a href="#">Image</a>

13. Document ID: US 6806708 B1

L54: Entry 13 of 17

File: USPT

Oct 19, 2004

US-PAT-NO: 6806708

DOCUMENT-IDENTIFIER: US 6806708 B1

TITLE: Multi-coil reconstruction of MRI signals using linear phase multiplied data with separate demodulators for each coil

DATE-ISSUED: October 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Jin Hyung	Menlo Park	CA		
Pauly; John M.	Redwood City	CA		
Nishimura; Dwight G.	Palo Alto	CA		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	
Reference	Abstract	Claims	Claims	Claims	KMC	Draw Deso	Image

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14. Document ID: US 6801035 B2

L54: Entry 14 of 17

File: USPT

Oct 5, 2004

US-PAT-NO: 6801035

DOCUMENT-IDENTIFIER: US 6801035 B2

TITLE: Method for generating images by means of magnetic resonance

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Jianmin	Erlangen			DE

US-CL-CURRENT: 324/309; 324/307, 600/410

Full	Title	Citation	Front	Review	Classification	Date	
Reference	Abstract	Claims	Claims	Claims	KMC	Draw Deso	Image

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 15. Document ID: US 6479996 B1

L54: Entry 15 of 17

File: USPT

Nov 12, 2002

US-PAT-NO: 6479996

DOCUMENT-IDENTIFIER: US 6479996 B1

TITLE: Magnetic resonance imaging of several volumes

DATE-ISSUED: November 12, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE ZIP CODE	COUNTRY
Hoogeveen; Romhild Martijn	Eindhoven		NL
Geraats; Diana Maria Francisca	Eindhoven		NL
Leiner; Tim	Maastricht		NL
Ho; Kai Yiu J. A. M.	Maastricht		NL

US-CL-CURRENT: 324/309; 324/307, 324/312

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Full	Title	Citation	Front	Review	Classification	Date	
Reference	Abstract	Patent		Claims	KWIC	Draw Desc	Image

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 16. Document ID: US 6476606 B2

L54: Entry 16 of 17

File: USPT

Nov 5, 2002

US-PAT-NO: 6476606

DOCUMENT-IDENTIFIER: US 6476606 B2

TITLE: Method for parallel spatial encoded MRI and apparatus, systems and other methods related thereto

DATE-ISSUED: November 5, 2002

## INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Lee; Ray F Clifton-Park NY

US-CL-CURRENT: 324/309; 324/307, 324/318

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	
<a href="#">Reference</a>	<a href="#">Abstract</a>	<a href="#">Claims</a>	<a href="#">KMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>		

 17. Document ID: US 6289232 B1

L54: Entry 17 of 17

File: USPT

Sep 11, 2001

US-PAT-NO: 6289232

DOCUMENT-IDENTIFIER: US 6289232 B1

TITLE: Coil array autocalibration MR imaging

DATE-ISSUED: September 11, 2001

## INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Jakob; Peter M.	Brookline Village	MA
Sodickson; Daniel K.	Cambridge	MA
Griswold; Mark	Brookline	MA

US-CL-CURRENT: 600/410; 324/307, 324/309, 324/318, 324/322, 600/422

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